

Fall Construction Costs

Approved For Release 2002/05/09 : CIA-RDP86-00244R000300020025-5
3rd Quarterly cost roundup

Labor jumps construction costs, offsetting

Though gloomy prospects for runaway construction cost inflation still confront the industry, pockets of resistance among contractors and their customers are poking a few breaks into the clouds.

Current construction wage pacts build sharply escalating labor costs into 1971, but they call for a somewhat slower rise in 1972. Contractors are starting to unite in their fight to bring the labor cost spiral down from the stratosphere. Their efforts are beginning to bear a little fruit.

Materials prices are steadyng, though higher costs are pressuring producers to raise prices. Reduced demand this year for some types of construction has cut sales of many materials and

thereby ruled out price advances, at least for the time being.

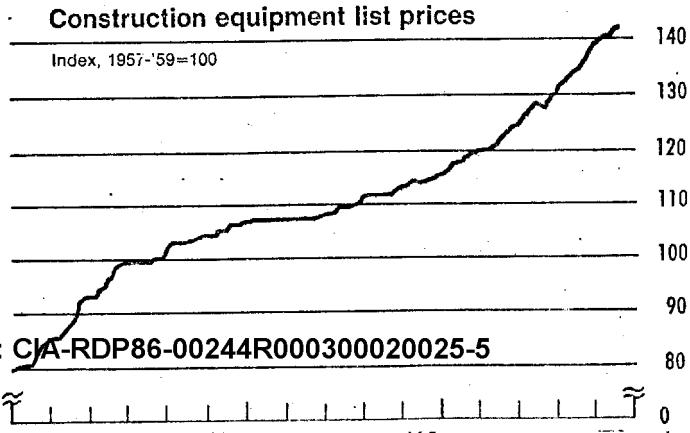
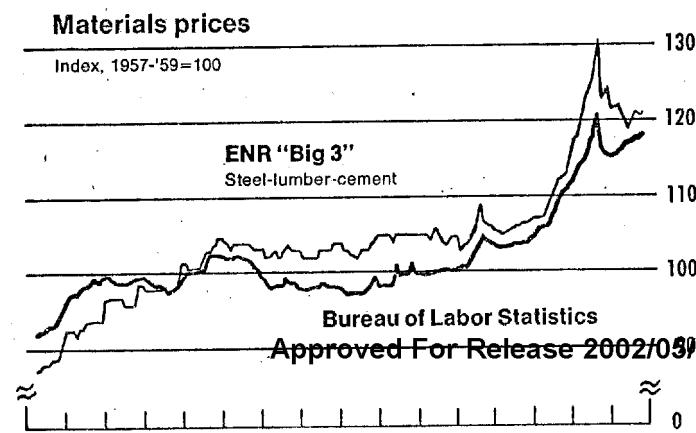
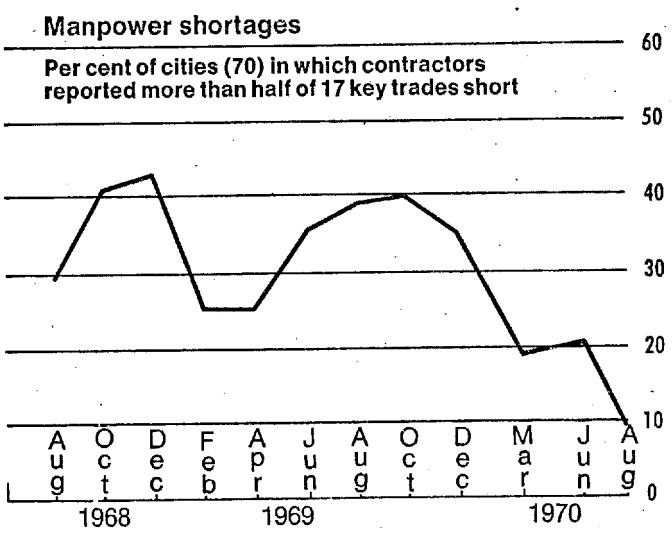
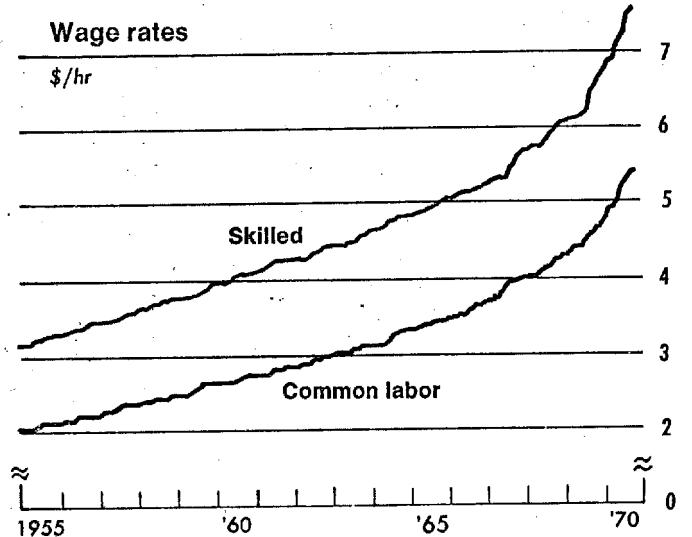
But there have been some price reductions other than the early 1970 slide in lumber and plywood (which have since recouped some of the slide). There were price rollbacks this summer on copper water tubing and some aluminum mill products, triggered essentially by lagging sales that persuaded the manufacturers to absorb increases in their production costs as well as freight rates.

Despite these thin rays of sunshine, construction costs will follow ENR's forecast of an 8.7% increase in the Building Cost Index this year (to 872 by December) and 10.5% next year

(964 in December, 1971). The ENR Construction Cost Index, more heavily weighted with labor, will rise 10% this year and 12% next year (to 1435 in December, 1970, and 1606 in December, 1971).

The most effective preventive medicine to help the industry avoid faster cost inflation next year would be a firmer stand by contractors against labor's demands for increases of \$1 or more per hour, which would represent hourly raises of well over 10% for key trades in all but a few major cities.

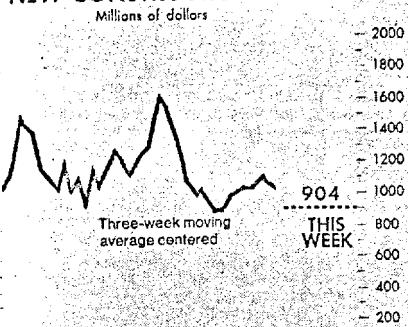
An extreme example of what contractors have been up against occurred in New Jersey. Operating engineers demanded \$120 per day scale. Contrac-



LAST WEEK

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| ST INDEXES | Sept. 10 | Chg fr last | |
|-------------------|----------|-------------|-------|
| 20-cities | index | month | year |
| 1=100 | value | % | % |
| Construction Cost | 1,424.70 | +0.3 | +10.5 |
| Living Cost | 859.66 | +0.8 | +8.0 |
| Non labor (CC) | 2,856.44 | 0 | +13.9 |
| Ed labor (BC) | 1,371.26 | +0.6 | +13.1 |
| Materials | 547.19 | +1.1 | +1.1 |

NEW CONSTRUCTION PLANSDEC MAR JUN SEPT
1969 1970

| State totals | Week of | Sept. 17† | 1970 | '69-'70 | Cum. 38 wks |
|----------------------|---------|-----------|------|---------|---------------|
| | | | | | \$ millions % |
| ENR-reported | | | | | |
| Construction plans* | 903.2 | 45,130.3 | | + 22 | |
| Heavy const. total | 518.4 | 16,658.7 | | + 83 | |
| Other use & control | 108.9 | 5,205.7 | | + 57 | |
| Waterworks | 16.4 | 954.6 | | + 10 | |
| Sewerage | 89.6 | 3,402.9 | | + 54 | |
| Treatment plants | 46.8 | 1,377.1 | | + 133 | |
| Earthwork, waterwys. | 2.8 | 848.3 | | + 182 | |
| Transportation | 372.4 | 8,887.9 | | + 274 | |
| Highways | 366.1 | 6,424.0 | | + 626 | |
| Bridges | 0.3 | 913.5 | | + 139 | |
| Airports | 5.5 | 762.2 | | - 30 | |
| Terminals, bldgs. | 1.6 | 369.1 | | - 46 | |
| Ac, gas, comm. | 26.4 | 2,122.3 | | + 7 | |
| Other heavy constr. | 10.8 | 442.8 | | - 67 | |
| Conns, bldg. total | 270.0 | 20,355.6 | | + 1 | |
| Manufacturing | 19.2 | 1,970.5 | | - 19 | |
| Commercial | 69.7 | 5,590.2 | | - 6 | |
| Offices | 31.5 | 2,537.9 | | - 3 | |
| Stores, shop. ctrs. | 23.8 | 1,897.9 | | - 22 | |
| Educational | 85.5 | 5,816.3 | | + 5 | |
| College, univ. | 36.8 | 2,638.7 | | + 6 | |
| Medical | 44.0 | 3,199.2 | | + 3 | |
| Hospital | 31.6 | 2,369.2 | | + 24 | |
| Other | 51.6 | 3,779.5 | | + 20 | |
| Housing, multiunit* | 115.4 | 8,136.5 | | + 3 | |
| Apartments | 76.4 | 6,002.1 | | + 12 | |

*Excludes 1-2 family houses. Minimum sizes included are: industrial plants, heavy and highway construction, \$100,000; buildings, \$500,000. † 4-day week.

NEW CONSTRUCTION CAPITAL

| Week of | Sept. 10 | 1970 | '69-'70 | Cum. 37 wks |
|-----------------------|----------|----------|---------|---------------|
| | | | | \$ millions % |
| Total new capital | 337.1 | 18,987.9 | + 55 | |
| Corporate securities | 218.3 | 8,611.2 | + 76 | |
| State and municipal | 115.0 | 10,220.6 | + 43 | |
| Federal grants, loans | 3.8 | 0 | 0 | |
| Federal projects | 0 | 0 | 0 | |

ENR COST INDEXES IN 22 CITIES

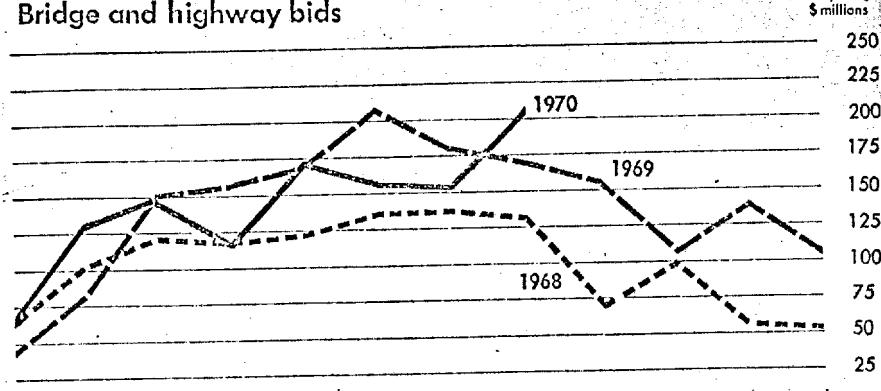
Based on 1913 U.S. average = 100

| City | CONSTRUCTION COST | | | BUILDING COST | | |
|-----------------------|-------------------|----------------|-----------|---------------|----------------|-----------|
| | Sept. '70 | Percent change | from last | Sept. '70 | Percent change | from last |
| | Index | month | year | Index | month | year |
| Atlanta | 1,026.49 | +0.1 | +6.1 | 759.45 | +1.6 | +6.2 |
| Baltimore | 1,112.91 | +0.1 | +9.6 | 821.93 | +0.1 | +10.4 |
| Birmingham | 1,030.05 | +0.7 | +1.5 | 699.64 | +1.1 | +1.0 |
| Boston | 1,433.69 | 0 | +9.2 | 878.40 | +0.7 | +8.1 |
| Chicago | 1,601.76 | +0.1 | +13.6 | 950.33 | +0.2 | +11.6 |
| Cincinnati | 1,603.82 | 0 | +12.0 | 886.55 | 0 | +7.6 |
| Cleveland | 1,751.70 | +0.1 | +8.5 | 954.16 | 0 | +6.5 |
| Dallas | 1,167.22 | -1.5 | +6.3 | 775.06 | +1.5 | +1.3 |
| Denver | 1,204.28 | +0.3 | +7.6 | 819.36 | 0 | +12.9 |
| Detroit | 1,666.85 | +0.2 | +9.5 | 961.49 | 0 | +3.0 |
| Kansas City | 1,489.34 | 0 | +28.5 | 809.79 | 0 | +6.2 |
| Los Angeles | 1,482.32 | +7.9 | +14.8 | 813.31 | 0 | +7.5 |
| Minneapolis | 1,517.86 | 0 | +19.3 | 870.82 | 0 | +13.5 |
| New Orleans | 1,136.50 | +2.2 | +10.6 | 746.79 | +0.1 | +2.4 |
| New York | 1,768.58 | +0.2 | +9.5 | 998.59 | +0.4 | +9.4 |
| Philadelphia | 1,390.07 | 0 | +15.2 | 904.02 | 0 | +7.9 |
| Pittsburgh | 1,426.28 | +0.8 | +3.6 | 918.61 | +1.2 | +10.0 |
| St. Louis | 1,651.22 | +0.7 | +12.1 | 852.25 | +1.0 | +9.3 |
| San Francisco | 1,587.20 | -1.7 | +7.6 | 933.56 | +6.6 | +12.1 |
| Seattle | 1,402.76 | +0.4 | +5.5 | 795.87 | +0.7 | +6.9 |
| U. S.—20-cities' avg. | 1,422.54 | +0.3 | +10.7 | 857.50 | +0.8 | +7.7 |
| Montreal | 1,186.74 | 0 | +2.6 | 737.43 | 0 | +2.1 |
| Toronto | 1,226.24 | +0.3 | +13.7 | 765.08 | +0.5 | +9.9 |

ENR WAGE, MATERIALS AND COST INDEXES IN 20 CITIES

Based on each city's 1957-59 average = 100

| City | COMMON LABOR | | SKILLED LABOR | | MATERIALS PRICES | | Const. Cost Index | Bldg. Cost Index |
|---------------|--------------|--------------------|---------------|--------------------|------------------|--------------------|-------------------|------------------|
| | Sept. '70 | % chg fr Sept. '69 | Sept. '70 | % chg fr Sept. '69 | Sept. '70 | % chg fr Sept. '69 | | |
| | Index | month | Index | month | Index | month | | |
| Atlanta | 212 | +7.6 | 192 | +8.5 | 135 | +3.1 | 181 | 163 |
| Baltimore | 189 | +15.9 | 197 | +21.6 | 117 | -4.0 | 161 | 155 |
| Birmingham | 204 | +4.0 | 162 | +0.6 | 127 | +2.4 | 172 | 145 |
| Boston | 211 | +10.5 | 203 | +10.9 | 124 | +2.5 | 182 | 164 |
| Chicago | 213 | +17.0 | 213 | +17.7 | 135 | +3.1 | 187 | 174 |
| Cincinnati | 248 | +15.9 | 216 | +14.3 | 134 | -1.3 | 215 | 173 |
| Cleveland | 230 | +10.6 | 227 | +10.7 | 132 | 0 | 201 | 180 |
| Dallas | 248 | +11.7 | 186 | +6.9 | 149 | -7.1 | 208 | 167 |
| Denver | 203 | +8.6 | 213 | +18.3 | 112 | +4.7 | 166 | 156 |
| Detroit | 230 | +16.2 | 235 | +14.0 | 112 | -14.8 | 192 | 171 |
| Kansas City | 239 | +42.3 | 192 | +13.6 | 123 | -4.8 | 195 | 153 |
| Los Angeles | 213 | +17.0 | 194 | +7.8 | 117 | +6.4 | 184 | 155 |
| Minneapolis | 230 | +25.7 | 218 | +23.8 | 114 | 0 | 181 | 159 |
| New Orleans | 240 | +17.1 | 188 | +6.8 | 122 | -5.3 | 182 | 153 |
| New York | 225 | +10.8 | 209 | +11.8 | 112 | +3.7 | 193 | 164 |
| Philadelphia | 218 | +23.9 | 208 | +17.5 | 109 | -7.2 | 179 | 159 |
| Pittsburgh | 208 | +1.0 | 199 | +9.9 | 122 | +9.9 | 178 | 156 |
| St. Louis | 247 | +12.7 | 203 | +9.7 | 111 | +7.8 | 201 | 153 |
| San Francisco | 234 | +9.3 | 231 | +20.3 | 126 | -1.2 | 202 | 180 |
| Seattle | 198 | +5.9 | 203 | +9.7 | 125 | +2.5 | 181 | 167 |

TRENDS TO WATCH**Bridge and highway bids**

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Bridge and highway bids hit a 1970 high, just 2% below the June, 1969, record.

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